

DAIRY THE DAIRY

GOOD COW STALL AND FLOOR

Dairy Building Should Be Constructed With Aim to Keep Cows Dry and Clean as Possible.

While it is more pleasant to work in fine barns, it is not necessary to have them in order to get good results, but items under this head are quite necessary for getting the best returns. With the comfort of the animal in view, our buildings should be constructed with the aim to keep the cows as dry and clean as possible. Cement floors built with about the same thickness as sidewalks and so constructed as to offer good drainage are the most serviceable, says a writer in Western Farmer. They should contain a gutter 18 to 20 inches wide and seven



Stall and Floor Plan.

to eight inches deep. The gutter should slope to one edge and also to one end, as in Fig. 1, which shows a cross-section.

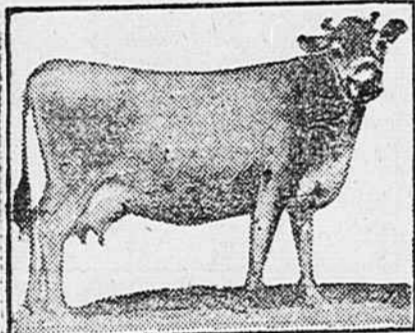
The front gate should be adjustable, so as to close to the rear edge of the platform. The manger may be made of wood or cement, but in all cases should be partitioned off so as to keep each cow's food separate. Some stockmen object to cement floors on the ground that they give the cows rheumatism and produce sore feet. If proper bedding is given, there should be no trouble. Many think such a floor construction extravagant and impractical for the average dairyman, but it is not. While the original cost may be a little more, it will be cheaper in the end and far more serviceable. Such a floor will outwear many made of wood and will be far more sanitary in every way. They are easier to clean and do not give off odors like a board floor, which soaks up filth and causes an ever-present odor in the stable.

The stalls should be separate so that each animal will be by herself, and she will soon learn to take her own place when entering the stable. This is not saying that good stables cannot be built of wood, but it is to remind the man who contemplates building or wishes to remodel his barn that it pays to build well.

TO GET BETTER DAIRY COWS

Breeders' Association Keeps One in Touch With Best and Modern Ways of Managing Herd.

1. Treat cows gently and avoid excitement.
2. Be regular in time of milking.
3. Keep stables clean, well-lighted and ventilated.
4. Weigh the milk of each cow at milking time.
5. Get your neighbor to share with



Jersey Cow With a Fine Record.

you in owning a Babcock milk tester, and test the product of each cow.

6. Discard the animals which have failed at the end of the year to pay for their keep.
7. Breed your cows to a purebred, registered dairy bull from a family having large and profitable production of butter fat.
8. Raise well the heifer calves from cows, which for one or more generations have made large and profitable productions of milk and butter fat.
9. Breed heifers to drop their first calves at twenty-four to thirty months of age. Give cows six to eight weeks' rest between lactation periods.
10. Join a dairy cattle breeders' association. It will help you keep posted and in touch with the best and most modern ways of managing your dairy herd.

For the Silo.

Short, immature corn should be allowed to stand until nearly dry before putting into the silo. That is, the leaves should be nearly dry; the stalk should be pretty well filled with sap. If this corn is put in while too green it may make sour silage.

Ideal for Keeping Milk Cool.

A springhouse or a refrigerator is the ideal thing for keeping milk cool, but million of pounds of good butter are made every year with no better equipment than a tank for the cans filled with a pump from a well.

Repair Leaking Teat.

If a cow has a little hole in the side of her teat, through which the milk squirts, wait till she is dry, then scrape the edges of the hole till it bleeds and sew together. Take out the stitches when it heals.

VARIETY OF RECIPES

ALL WORTH REMEMBERING BY CONSCIENTIOUS COOK.

Vegetable Soup as It Should Be Made for the Best Results—Potato That Will Be Attractive to the Invalid.

Vegetable Soup.—Take one large potato or two small ones, one carrot and one turnip of medium size, and one small onion; wash, pare and slice them, and let them boil for one hour in one quart of water, adding parsley or any herb preferred for flavoring, and more water as it boils away, so that there will be a quart when done. Thicken with a spoonful of flour or cornstarch, dissolved in a little cold water; or a spoonful of rice or any coarse cereal may be added when the vegetables are half cooked. Strain off the liquid, season to taste, and add a few spoonfuls of sweet cream. If a dish a little more substantial is desired, the vegetables may be rubbed through the strainer also and mixed with the liquid.

Bread Panada.—Toast slowly several slices of stale light bread, until they are a golden brown all through. Pile them in a bowl, sprinkling each one with a little sugar and a pinch of salt; then cover with boiling water, close tightly, set the bowl in a pan of boiling water and let simmer gently until the bread is like jelly. Serve warm, with sugar and cream and a grating of nutmeg.

Potato for an Invalid.—Where potato is allowed, select such as will boil up dry and mealy. Peel them and boil until well done, then mash very thoroughly with a wire mashers until perfectly free from lumps. Add rather more salt than usual and several spoonfuls of thick, sweet cream; then beat until perfectly smooth and light, and serve at once. Potato served in this way is delicious and much more easily digested by a weak stomach than when eaten with butter.

Fruit Toast.—Fruit toasts are delicious and appetizing and may be made either with fresh or canned fruit. Dip the slices of toast in the hot juice, removing them quickly to a hot dish, then thicken the juice slightly with cornstarch, adding the pulp, rubbed through a sieve or finely chopped, and pour all over the toast.

Fruit Whip.—A nourishing way of serving fruit, either fresh or canned, is to press it through a sieve or wire grater and then stir it into whipped cream, regulating the amount of fruit as desired and sweetening to taste.

Egg Souffle Toast.—Place a slice of toast on a white enameled plate, spread with fresh butter or very thick sweet cream, heap on top the stiffly whipped white of an egg, hollowing out the top to form a nest. In this place the yolk. Set in the oven to cook the egg lightly.

Oyster Pate.

One pint oysters, one tablespoonful each butter and flour, one cupful cream, cayenne, grated nutmeg, yolk of one egg, chopped parsley. Line a shallow baking dish with rich crust. Make sauce of butter, flour, cream, sauce, and when heated through whip in the well-beaten egg yolk. At once pour into the pastry crust (previously baked) and heat in oven about eight minutes. The crust can be molded over inverted muffin cups or made in the regular baking dish lined with paste, and even covered with a second crust is most attractive.

Economical Cake.

The most surprising of cakes can be produced without eggs or butter. To a teaspoonful of bicarbonate of soda dissolved in a teaspoonful of warm water add a cupful of sour milk, three-quarters of a cupful of brown sugar and a half a cupful of treacle. See that the sugar is well dissolved, and then add two cupfuls of brown flour, a good pinch of ginger and a teaspoonful of cinnamon. Beat to smoothness, and pour in while stirring a quarter of a pound of floured raisins—less can be used. Bake in a slow oven for a good hour. This cake is economical, and will keep a long time, but it is better not to cut it for a day or two.

Manhattan Pudding.

Mix together the juice of three oranges, a lemon and a half cupful of sugar; let stand several hours. Whip a cupful of heavy cream, add a half cupful of powdered sugar and a cupful of chopped nuts or candied fruit. Rub a mold sparingly with olive oil, pour in the fruit juices, spread with the whipped cream mixture and cover with paraffin paper, put on the lid and bury in ice and salt for three hours. Serve garnished with sections of orange which have stood over night in a thick sirup of sugar and water.

Scrambled Eggs With Asparagus Tops.

Melt three ounces of butter in a saucepan, break into it six fresh eggs; season with a pinch of salt, half a pinch of pepper and a third of a pinch of grated nutmeg. Mix thoroughly without stopping for three minutes, using a spatula and having the pan on a very hot stove. Add a quarter of a bunch of freshly boiled asparagus tops.

Apple Float.

When making apple float, try baking the apples instead of stewing them. The pulp is removed from the skins and mixed with the whites of the egg, which makes the float much lighter than the old way.

Home Town Helps

RUIN WILL BENEFIT TOWNS

Destruction by Armies Will Make Necessary the Construction of Whole Communities Anew.

Every town of importance in East Prussia that has suffered at the devastating hand of the Russians has decided to incorporate a municipal garden section in its plans for rebuilding.

Many of the destroyed towns are so completely ruined that it is going to be necessary to raze what little is left and construct the whole community anew. This makes it eminently feasible to apportion off a section that can be devoted to the desirable city garden feature.

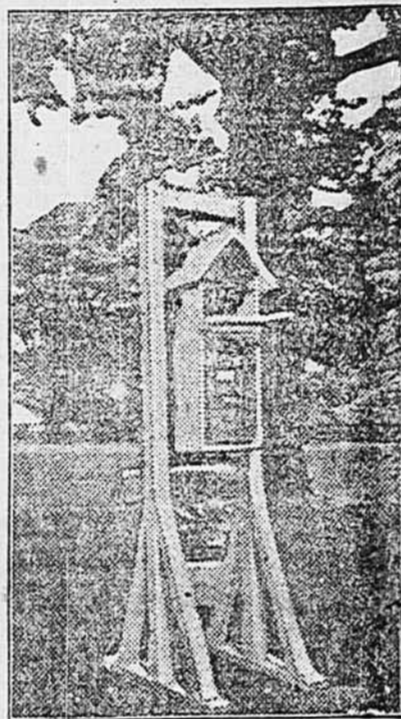
Many of the communities also are planning for a series of municipally constructed and owned houses for workmen, single home structures with two, three and four rooms, which ultimately can be purchased by their occupants on the familiar easy-payment plan.

Plans of this character are already well advanced in Gerdauen, Tapiau, Ortelburg, Lyck and other communities, and additional municipalities are preparing to follow suit.

HOUSING AN OUTDOOR METER

Unique Device for Use in Districts Where Electricity Is Used for Pumping.

For use in the irrigating districts of Oregon, where many of the agriculturists employ electric energy for pumping purposes, a light and power com-



Outdoor Meter.

pany has designed an inexpensive outdoor housing for its meters. This consists of a wooden box divided into two parts, the upper of which incloses the switchboard and fuses, and the lower, the meter. A door gives immediate access to the switches and fuses, while a cover plate securely screwed in place over the second compartment protects the meter, which, however, is visible for reading. The box is supported on a substantial framework several feet from the ground.—Popular Mechanics

Beautifying the Streets.

Palms lining the downtown sidewalks comprise a unique feature of city beautification in Los Angeles, Cal. The work of installing has just been completed, says the National Real Estate Journal.

Along 50 blocks of the heart of the city have been placed 1,100 splendid specimens of the Chamerops Excelsa palms. The work was done by the county at an expense of some \$20,000, as part of a general beautification scheme for California expositions this year. The improvement is designed to be permanent.

Delicate trailing vines and nasturtiums have been planted about the roots of the trees and give a green and flower effect against the brown trunks.

The palms are set in wooden tubs, which in turn are placed in cement boxes. The lowest branches are about eight feet above the sidewalk. The watering is done at night by the city street sprinkling department.

Cut the Weeds and Grass.

Whether you are a renter or an owner, you should not permit grass and weeds to "take" the sidewalk. Flies and mosquitoes bred in the tangled grass of a home owner are just as annoying and poisonous as those that are brought to life on the rented premises. And the blow to civic beauty is as severe in the one instance as in the other. Don't be a drawback to comfort, health and civic beauty, which is to say, don't weed and grass-encumber the sidewalk of the place that you call home.—Corsican (Tex.) Sun.

Value of Street Trees.

"New York would be a far different city," says the Evening Mail, "if a million trees were growing along its 3,500 miles of streets and roads. Manhattan highways also would afford room for 200,000 trees, which would greatly improve property values and the public health."

HOW TO CURE COLDS

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